



PTO/SB/08A (08-00)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 7

Application Number

10/027,579

Filing Date

12/20/01

First Named Inventor

Frank F. Molock

Group Art Unit

1751

Examiner Name**Attorney Docket Number**

VTN-571

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
MDU		3,808,178		Gaylord	04/30/1974	
		4,130,250		Mueller	01/23/1979	
		4,139,513		Tanaka	02/13/1979	
		4,153,641		Deichert	05/08/1979	
		4,182,822		Chang	01/08/1980	
		4,189,546		Deichert	02/19/1980	
		4,254,248		Friends	03/03/1981	
		4,259,467		Keogh	03/31/1981	
		4,260,725		Keogh	04/07/1981	
		4,261,875		LeBeouf	04/14/1981	
		4,276,402		Chromacek	08/30/1981	
MDU		4,327,203		Daichert	04/27/1982	

PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁴
		Office ³	Number ⁴	KindCode ⁵				
MDU			EP0262296A1		Boge A.G.	04/06/1988		
MDU			EP362137A2		Ciba-Geigy AG	04/04/1990		
MDU			EP0362737A1		Josef Wolf Audio-Visuals	04/11/1990		
MDU			EP0262629B1		BASF Aktiengesellschaft	04/17/1991		
MDU			EP0849296A2		Takeda Chemical Industries, Ltd.	06/24/1998		
MDU			EP0849296A3		Takeda Chemical Industries, Ltd.	05/16/1999		

Examiner Signature	<i>M. Vargot</i>	Date Considered	<i>3/5/04</i>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 7

<i>Application Number</i>	10/027,579
<i>Filing Date</i>	12/20/01
<i>First Named Inventor</i>	Frank F. Molock
<i>Group Art Unit</i>	1751
<i>Examiner Name</i>	
<i>Attorney Docket Number</i>	VTN-571

U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
MDU		4,341,889		Deichert	07/27/1982	
	↑	4,343,927		Chang	08/10/1982	
		4,355,147		Deichert	10/19/1982	
		4,414,372		Farnham	11/08/1983	
		4,468,229		Su	02/28/1984	
		4,488,577		Mueller	12/04/1984	
		4,495,313		Larsen	01/22/1985	
		4,493,398		Bany	09/24/1985	
		4,605,712		Mueller	08/12/1986	
		4,661,575		Tom	04/28/1987	
	↓	4,668,240		Loshaek	05/26/1987	
MDW		4,680,336		Larsen	07/14/1987	

PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁶
		Office ³	Number ⁴	KindCode ⁵				

Examiner Signature	<i>M. Varyot</i>	Date Considered	3/5/04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 7

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		
Sheet 3 of 7		
<i>Application Number</i>	10/027,579	
<i>Filing Date</i>	12/20/01	
<i>First Named Inventor</i>	Frank F. Molock	
<i>Group Art Unit</i>	1751	
<i>Examiner Name</i>		
<i>Attorney Docket Number</i>	VTN-571	

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
MDJ	4,703,097			Wingler	10/27/1987	
	4,711,942			Webster	12/08/1987	
	4,771,116			Citron	09/13/1988	
	4,781,362			Reuter	11/01/1988	
	4,837,289			Mueller	06/06/1989	
	4,857,072			Narducy	08/15/1989	
	4,868,091			Boettcher	09/19/1989	
	4,871,785			Froix	10/03/1989	
	4,891,046			Wittmann	01/02/1990	
	4,934,588			Toyoshima	09/04/1990	
	4,954,587			Mueller	09/04/1990	
	5,010,141			Mueller	04/23/1991	
	5,018,849			Su	05/28/1991	
MDJ	5,019,634			Boettcher	05/28/1991	

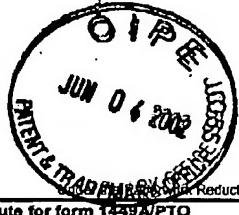
PATENT DOCUMENTS

Examiner Signature	<i>M. Vigneau</i>	Date Considered	3/5/04
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Application Number	10/027,579
Filing Date	12/20/01
First Named Inventor	Frank F. Molock
Group Art Unit	1751
Examiner Name	
Attorney Docket Number	VTN-571

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 4 of 7

U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
WU		5,021,524		Dicker	06/04/1991	
↑		5,027,219		Stuttler	06/25/1991	
		5,034,461		Lai	07/23/1991	
		5,057,578		Spinelli	10/15/1991	
		5,070,215		Bambury	12/03/1991	
		5,151,106		Bhaumik	03/29/1992	
		5,292,350		Molock	03/08/1994	
		5,314,960		Spinelli	05/24/1994	
		5,338,797		McGee	08/09/1994	
		5,346,946		Yokoyama	09/13/1994	
		5,358,995		Lai	10/25/1994	
↓		5,371,147		Spinelli	12/06/1994	
MDW		5,387,632		Lai	02/07/1995	

PATENT DOCUMENTS

Examiner Signature	M. Vauvet	Date Considered	3/5/04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 7

Application Number	10/027,579
Filing Date	12/20/01
First Named Inventor	Frank F. Molock
Group Art Unit	1751
Examiner Name	
Attorney Docket Number	VTN-571

U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
M-D-V		5,451,617		Lai	09/19/1995	
		5,486,579		Lai	01/23/1998	
		5,710,302		Kunzler	01/20/1998	
		5,713,983		Bensky	02/03/1998	
		5,714,557		Kunzler	02/03/1998	
		5,760,100		Nicolson	06/02/1998	
		5,776,999		Nicolson	07/07/1998	
		5,779,943		Enns	07/14/1998	
		5,789,461		Nicolson	08/04/1998	
		5,807,944		Hirt	09/15/1998	
		5,908,906		Kunzler	08/01/1999	
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PATENT DOCUMENTS

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		Office ³	Number ⁴	KindCode ⁵				

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M. Vayset

Date Considered

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 6 of 7

Application Number	10/027,579
Filing Date	12/20/01
First Named Inventor	Frank F. Molock
Group Art Unit	1751
Examiner Name	
Attorney Docket Number	VTN-571

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		Number	Kind Code ²			
MJV		5,958,440		Burrell	09/28/1999	
		5,962,548		Vanderlaan	10/05/1999	
		5,965,630		Imafuku	10/12/1999	
		5,965,631		Nicolson	10/12/1999	
		5,981,615		Meijs	11/09/1999	
		5,981,675		Valint	11/09/1999	
		5,944,853		Molock	08/31/1999	
		5,998,498		Vanderlaan	12/07/1999	
		6,020,445		Vanderlaan	02/01/2000	
MJV		6,039,913		Hirt	03/21/2000	

PATENT DOCUMENTS

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		Office ³	Number ⁴	KindCode ⁵				

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 7 of 7

Application Number	10/027,579
Filing Date	12/20/01
First Named Inventor	Frank F. Molock
Group Art Unit	1751
Examiner Name	
Attorney Docket Number	VTN-571

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Signature	M. Vargot	Date Considered	3/5/04
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Sheet 1 of 1	
<i>Application Number</i>	10/027,579
<i>Filing Date</i>	December 20, 2001
<i>First Named Inventor</i>	Frank F. Molock et al.
<i>Group Art Unit</i>	
<i>Examiner Name</i>	
<i>Attorney Docket Number</i>	VTN-571

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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